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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	(Use as many sn	ers as	necessary)
1	1	of	1

Complete if Known						
Application Number	10/809,036					
Filing Date	March 25, 2004					
First Named Inventor	Neil A. A. Simpson					
Art Unit	3725					
Examiner Name	Hung Charlie Le					
Attorney Docket Number	CRUI/0011					

Examiner Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Barre Call and Plant When But
Initials No.	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
AKI]	US- 6,976,536	12-20-2005	Simpson, et al.	
	US- 6,712,151	03-30-2004	Simpson, et al.	
<u> </u>	US- 6,695,065	02-24-2004	Simpson, et al.	
	US- 6,575,250	06-10-2003	Wijsman	
	US- 6,568,472	05-27-2003	Gano, et al.	
	US- 6,543,552	04-08-2003	Metcalfe, et al.	
	US- 6,457,532	10-01-2002	Simpson	
	US- 6,419,025	07-16-2002	Lohbeck, et al.	
7 1	US- 6,390,201	05-21-2002	Coon, et al.	
	US- 6,142,230	11-07-2000	smalley, et al.	
	US- 6,012,522	01-11-2000	Donnelly, et al.	-
	US- 5,083,608	01-28-1992	Abdrakhmanov, et al.	
	US- 4,483,399	11-20-1984	Colgate	
1	US- 4,384,625	05-24-1983	Roper, et al.	
	US- 3,818,734	06-25-1974	Bateman	
- 1	US- 2,627,891	02-10-1953	Clark	
	US- 2,383,214	08-21-1945	Prout	
	US- 1,597,212	08-24-1926	Spengler	
	US- 1,569,729	01-12-1926	Duda	
	US- 1,561,418	11-10-1925	Duda	
17	US- 2005/0145390	07-07-2005	Burge	
7/	US- 2004/0216506	11-04-2004	Simpson, et al.	
,	US- 2004/0094312	05-20-2004	Lohbeck, et al.	
W/X	US-2002/0139540	10-03-2002	Lauritzen	

		FOREIG	N PATENT DOC	JMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.¹	Country Code ³ - Number ⁴ - Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T°
THE (GB 2 401 134	04-05-2006	Burge		
MUX		WO 98/00626	01-08-1998	Donnelly, et al.		
				 		
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18,2004

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Submission Date

Sheet

			U.S. PATENT	DOCUMENTS	
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	140.	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
18 <i>6</i> 1 1	A1	US-6,263,968	07-24-2001	Freeman et al.	
Mesta	/A2	US-4,619,129	10-28-1986	Petkov et al.	
18/1	A3	-US-2,096,234	10-19-1937	Erwin .	
	A4	US-			
	A5	US-			
	A6	US-	·		
	A7	US-			
	A8	US-		•	
	A9	US-			
	A10	US-			
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	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			

Foreign Patent Document Country Code ¹ -Number ¹ -Kind Code ⁸ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,	т⁰
Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
1110 00/040500	<u> </u>	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
WO 03/048503 .	06-12-2003	Simpson et al.		
WO 03/015954	02-27-2003	Oosterling et al.		
WO 02/103150	12-27-2002	Simpson et al.		
WO 02/081863	10-17-2002	Simpson et al.		-
WO 00/37766	06-29-2000	Simpson		•
EP 0 952 306	10-27-1999	Lohbeck		
WO 98/00 <i>9</i> 26	01-08-1998	Donnelly et al.		
FP 0 0g1 835	12-16-1981	Finch		
· · · · · ·	WO 02/103150 WO 02/081863 WO 00/37766 EP 0 952 306 WO 98/00926	WO 02/103150 12-27-2002 WO 02/081863 10-17-2002 WO 00/37766 06-29-2000 EP 0 952 306 10-27-1999 WO 98/00926 01-08-1998	WO 02/103150 12-27-2002 Simpson et al. WO 02/081863 10-17-2002 Simpson et al. WO 00/37766 06-29-2000 Simpson EP 0 952 306 10-27-1999 Lohbeck WO 98/00926 01-08-1998 Donnelly et al.	WO 02/103150 12-27-2002 Simpson et al. WO 02/081863 10-17-2002 Simpson et al. WO 00/37766 06-29-2000 Simpson EP 0 952 306 10-27-1999 Lohbeck WO 98/00926 01-08-1998 Donnelly et al.

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Substitute	for form 1449B/PTO			Application Number	10/809,036
				Filing Date	March 25, 2004
INFO	RMATION DISC	CLOS	SURE	First Named Inventor	Neil A. A. Simpson
STAT	TEMENT BY AP	PLIC	CANT	Group Art Unit	3723
				Examiner Name	Unknown
(Use as many sheets as necessary)				Attorney Docket Number	CRUI/0011
Sheet	2	of	2	Submission Date	August 18, 2004

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
All	1_	U.K. Search Report, Application No. GB0406694.0, dated June 17, 2004	
All		U.K. Search Report, Application No. GB0406693.2, dated June 11, 2004	
fll		U.K. Search Report, Application No. GB0406520.7, dated April 29, 2004	
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Examiner	8/	Date Considered 12/6	10.

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Substitute for form 1449A/P	m 1449A/PTO		Application Number	=To Bo Assigned 10/8090
			Filing Date	Herewith /
INFORMATION	DISCLOS	URE	First Named Inventor	Neil SIMPSON, et al.
STATEMENT B	BY APPLIC	ANT.	Group Art Unit	Unknown 3663 /
			Examiner Name	Unknown H. C. LE
(Use as many sh	eets as necessary)		Attorney Docket Number	CRUI/0011
Sheet 1	of	2	Submission Date	March 25, 2004

U.S. PATENT DOCUMENTS								
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
Initials*	No.1	Number-Kind Code ^{2 (f known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
Med	, A1	US-4,058,163	11-15-1977	Yandell .				
Mel	/A2	US-4,890,682	01-02-1990	Warrall, et al.				
1 FET	A3	US-5,031,699	07-16-1991	Artynov, et al.				
0	A4	US		•	,			
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	A7	US-						
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		FORE	IGN PATENT I	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	J.o.
Initials*	/ No.'	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)		Applicant of Cited Document		
Hes	B1	GB 2 088 438	06-09-1982	Roper, et al.		
	B2	GB 2 261 238	05-12-1993	Reiley		
_/`	В3	GB 2 272 924	06-01-1994	Coleman, et al.		
$\sqrt{17}$	B4	WO 02/073000	09-19-2002	Lohbeck, et al.		
Wal	/ B5	WO 02/090713	11-14-2002	Burge, et al.		
XXI_	B6	WO 03/064813	08-07-2003	Burge		
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	B8	A //				

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE				Application Number	To Be Assigned	
				Filing Date	Herewith	
				First Named Inventor	Neil SIMPSON, et al.	
STATEMENT BY APPLICANT			CANT	Group Art Unit	Unknown	
(Use as many sheets as necessary)				Examiner Name	Unknown	
				Attorney Docket Number	CRUI/0011	
Sheet	2	of	2	Submission Date	March 25, 2004	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		GB Search Report dated July 21, 2003 from GB Application No. 0306774.1.	
Hel		GB Search Report dated September 18, 2003 from GB Application No. 0312278.5.	
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Examiner	A	Date Considered (Z/6/	06

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